Shinson®

Technology Beyond Limits

S700M66HT4BF S705M66HT4BF S710M66HT4BF S715M66HT4BF S720M66HT4BF

Shinson is a leading professional supplier in the renewable energy industry, specializing in the production and distribution of high-quality PV modules, completed PV kits, and energy storage solutions. With a commitment to sustainable energy solutions, we strive to provide innovative and reliable products to meet the growing global demand for clean and efficient power generation.

With a focus on quality, innovation, and customer satisfaction, we strive to empower individuals, businesses, and communities with reliable and sustainable energy solutions. By harnessing the power of the sun and embracing renewable energy, we are driving the transition towards a greener and more sustainable future.

S-Max™ series of PV modules are designed for commercial projects and large solar farms with highest power output for saving more than 15% of BOS.

S.max™

Solar Modules

HJT

720W

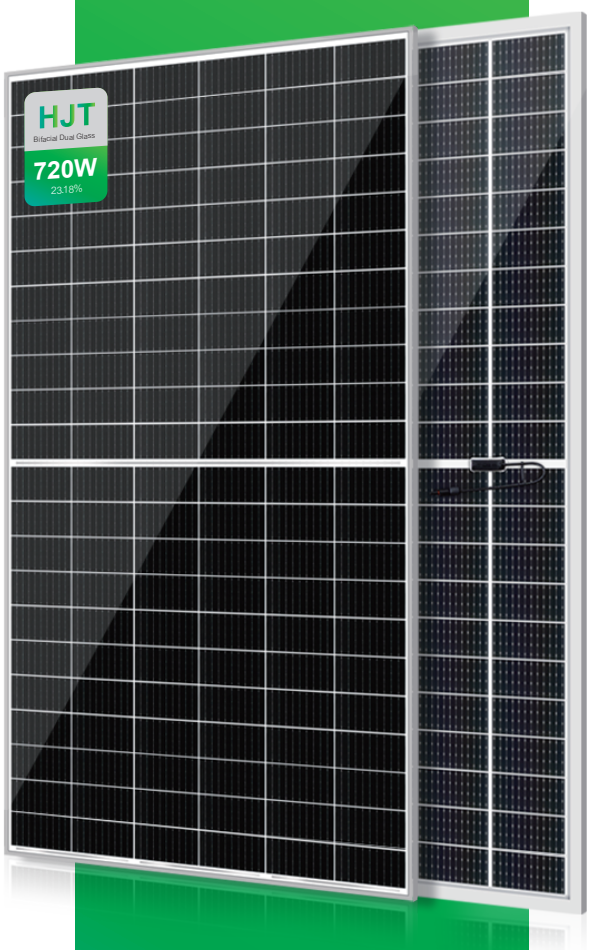
Maximum Output Power

132

Bifacial Cells

10~30%

Extra Backside Gains



High power with high efficiency bifacial solar cells

High power output design to save BOS(balance of system) cost, less payback time.

High reliability with top quality raw materials

Built with top qualified and certified materials to ensure the performance during long working period and working in tough conditions

Longer life span with 30 years warranty

Shinson extended the warranty period up to 30 years for both performance and workmanship which is on top level of the industry for backsheet modules.

Lower power degradation with more generation

Ensured PID resistance through cell process and module material control to help harvest more, guaranteed only 0.35% annual power degradation .

S.max™

SXXXM66HT4BF

Electrical Data (STC)

Part Number	S700M66HT4BF	S705M66HT4BF	S710M66HT4BF	S715M66HT4BF	S720M66HT4BF
Peak Power Watts-P_{MAX}(Wp)*	700	705	710	715	720
Power Output Tolerance			0/+5W		
Open Circuit Voltage-V_{OC}(V)	49.83	49.92	50.01	50.09	50.18
Short Circuit Current-I_{SC}(A)	17.82	17.91	18.00	18.10	18.19
Maximum Power Voltage-V_{MPP}(V)	41.78	41.86	41.93	42.00	42.08
Maximum Power Current-I_{MPP}(A)	16.77	16.86	16.95	17.05	17.13
Panel Efficiency(%)	22.50	22.70	22.90	23.00	23.20

STC :Irradiance 1000w/m²,Cell Temperature 25°C *Mearsure tolerance:±3%

NMOT

MaximumPower-P_{MAX}(Wp)*	534.5	538.5	542.3	546.2	550.1
Open Circuit Voltage-V_{OC}(V)	46.69	46.78	46.86	46.93	47.02
Short Circuit Current-I_{SC}(A)	14.61	14.68	14.76	14.84	14.92
Optimum Operating Voltage-VMPP(V)	39.07	39.14	39.21	39.27	39.34
Optimum Operating Current-IMPP(A)	13.68	13.76	13.83	13.91	13.98

NOCT:Irradiance at 800W/m²,Ambient Temperature 20°C,Wind Speed 1m/s

Mechanical Data

Panel Dimension(H/W/0)	2384x1303x33mm
Weight	37.5kg
Cell Type	HJT Mono-crystalline
Cell Number	132
Glass Thickness	Double glass, 2.0mm
Frame Type	Anodized Aluminium Alloy, Silver Color
Junction Box Protection Class	IP 68
Output Cable	4.0mm² , Positive(+)350mm, Negative(-)230mm (Connector Included),
Connectors Type	or customized length
	MC4 original / MC4 compatible

Temperature Ratings

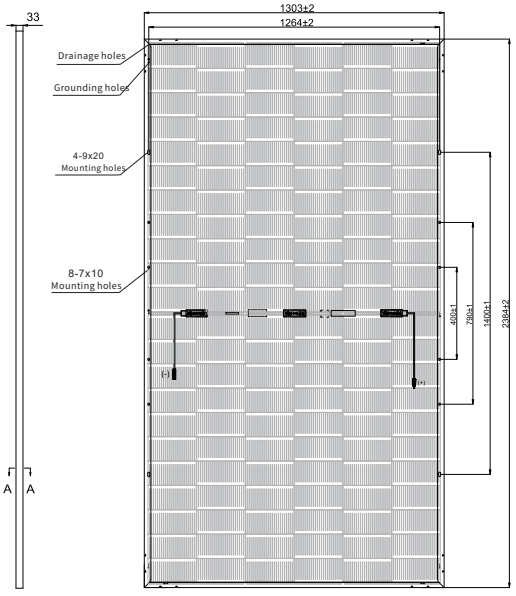
Nominal Operating Cell Temp.(NOCT)	43°C(±2°C)
Temperature Coefficient of P_{MAX}	-0.240%/°C
Temperature Coefficient of V_{OC}	-0.220%/°C
Temperature Coefficient of I_{SC}	+0.047%/°C

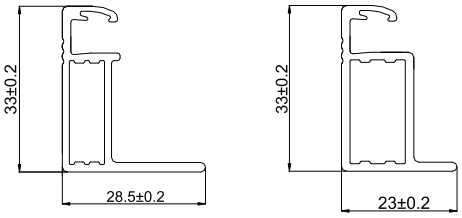
* Do not connect Fuse in Combiner Box with two or more strings in parallel connection

Packaging Configuration

Modules per box	33 pieces
Modules per 40'container	594 pieces

Dimensions of PV Module(mm)





Maximum Ratings

Operational Temperature	-40~±85 °C
Front/Rear Side Load	5400/2400pa
Max Series Fuse Rating	35A
Max System Voltage	1500V (IEC)
Fire Rating	Class 1(UNI9177)

Warranty

Product Workmanship Warranty	30 years
Output Power Warranty	30 years

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